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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/577,502

12/05/2006

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EXAMINER

SHIU, HO T

ART UNIT

PAPER NUMBER

4152

NOTIFICATION DATE

DELIVERY MODE

01/25/2008

ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patdocket@pearne.com  
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<b>Office Action Summary</b>	<b>Application No.</b> 10/577,502	<b>Applicant(s)</b> NISHIMURA ET AL.	
	<b>Examiner</b> HO SHIU	<b>Art Unit</b> 4152	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 05 December 2006.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 11 August 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)            | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>05 June 2006</u> .  | 6) <input type="checkbox"/> Other: _____                          |

### **DETAILED ACTION**

1. Claims 1-11 are pending in this application. Claims 3, 6, and 10 are amended and claim 11 is added by an amendment filed 4/27/2006.

#### ***Specification***

2. The title "Mobile Terminal Apparatus" is not a descriptive title. Appropriate correction is required.

#### ***Claim Objections***

3. With respect to claim 11, the word "potable" is recited. For examination purposes, it will be treated as "portable". Appropriate correction is required.

#### ***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. **Claims 4-6 are rejected under 35 U.S.C. 102(e) as being anticipated by Johnson et al. (Pub # US 2004/0128144 A1, hereinafter Johnson).**

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6. With respect to claim 4, Johnson discloses a portable terminal apparatus ([0182], lines 24-25), comprising: a storage unit ([0262], lines 6-9) that stores a history of outgoing calls and a history of incoming calls ([0258], lines 7-10, lines 14-16); a detection unit that detects the history of outgoing calls and the history of incoming calls with regard to a party designated by designation unit from the histories of outgoing calls and the histories of incoming calls stored in the storage unit ([0258], lines 6-14 [0259], lines 6-9, [0262], lines 6-9); and a display unit that displays the history of outgoing calls and the history of incoming calls while being mixed detected by the detection unit in time series and in list form ([0258], lines 1-15).

7. With respect to claim 5, Johnson discloses the display unit displays the history of outgoing calls and the history of incoming calls so as to add indications to the respective histories to enable discrimination between the history of outgoing calls and the history of incoming calls ([0258], lines 1-13).

8. With respect to claim 6, Johnson discloses the history includes dates of outgoing and incoming calls and duration of each of the calls ([0258], Lines 9-13).

### ***Claim Rejections - 35 USC § 103***

9. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

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10. **Claims 2 and 11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kawamoto (US Pub # 2002/0029247, hereinafter Kawamoto) in view of Sugimoto (US Pub # 2002/0002588 A1, hereinafter Sugimoto).**

11. With respect to claim 2, Kawamoto discloses a storage unit that stores a transmitted electronic mail and a received electronic mail ([0044], lines 5-8); a designation unit that designates a desired electronic mail from the stored electronic mail ([0044], lines 1-5); a detection unit that reads and detects, from the storage unit, an electronic mail exchanged with the other party that is the same party with whom the electronic mail designated by the designation unit is exchanged ([0066], lines 1-6); and a display unit that displays the electronic mails detected by the detection unit ([0036], lines 6-9, [0038], lines 1-14) . Kawamoto does not disclose the transmitted electronic mail and the received electronic mail are displayed while being mixed in time series and in list.

In the same field of endeavor, Sugimoto discloses the transmitted electronic mail and the received electronic mail are displayed while being mixed in time series and in list from ([0070], lines 1-4).

Therefore it would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify the teachings of Kawamoto with the teachings of Sugimoto in order to know when the e-mails have been sent and received.

12. With respect to claim 11, it is rejected for the same reasons as claim 2 above. In addition, Kawamoto discloses the display unit displays titles of the electronic mails in list form as the list-form display ([0036], lines 5-9).

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**13. Claims 1, 3, and 7-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kawamoto in view of Grossman et al. (US Pub # 2004/0119761 A1, hereinafter Grossman) and in further view of Sugimoto.**

14. With respect to claim 1, Kawamoto discloses a portable terminal apparatus ([0099], lines 5-6), comprising: a storage unit that stores a transmitted electronic mail and a received electronic mail ([0044], lines 5-8); a detection unit that reads and detects, from the storage unit, an electronic mail related to the other party designated by the designation unit ([0044], lines 1-5); and a display unit that displays the electronic mails related to the other party detected by the detection unit ([0036], lines 6-9, [0038], lines 1-14) . Kawamoto does not disclose a telephone directory storage unit that stores registration information including at least one of a name, a phone number, and a mail address; a designation unit that designates a party on the other end from the stored registration information; and the received electronic mail are displayed while being mixed in a list form and in time sequence.

In the same field of endeavor, Grossman discloses a telephone directory storage unit that stores registration information including at least one of a name, a phone number, and a mail address ([0053], lines 1-7); a designation unit that designates a party on the other end from the stored registration information ([0053], lines 1-15).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify the teachings of Kawamoto with the teachings of Grossman in order to relate directly to the contact of the e-mail and other types of contact information.

However, Kawamoto and Grossman do not disclose the received electronic mail are displayed while being mixed in a list form and in time sequence.

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In the same field of endeavor, Sugimoto discloses the received electronic mail are displayed while being mixed in a list form and in time sequence ([0070], lines 1-4).

Therefore it would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify the teachings of Kawamoto and Grossman with the teachings of Sugimoto in order to know when the e-mails have been sent and received.

15. With respect to claim 3, it is rejected for the same reasons as claim 1 above. In addition, Kawamoto discloses the display unit displays titles of the electronic mails in list form as the list form display ([0036], lines 6-9).

16. With respect to claim 7, Kawamoto discloses a storage unit that stores a transmitted electronic mail and a received electronic mail ([0099], lines 5-6); a detection unit that detects an electronic mail related to the other party designated by the designation unit ([0044], lines 1-5). Kawamoto does not disclose a control section into which a name of the other part is input; a telephone directory section configured to store the name of the other party and at least one of an electronic mail address of the other party and photographic data related to the other party associated with the name of the other party; and a display unit that displays at least one of the name of the other party and the photographic data related to the other party, and a content of the electronic mails in the electronic mails related to the other party detected by the detection unit during the transmitted electronic mail and the received electronic mail are mixed and sorted in time sequence.

In the same field of endeavor, Grossman discloses a control section into which a name of the other part is input ([0052], lines 1-10); a telephone directory section configured to store the name of the other party and at least one of an electronic mail address of the other party and

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photographic data related to the other party associated with the name of the other party ([0070], lines 6-10); and a display unit that displays at least one of the name of the other party and the photographic data related to the other party ([0070], lines 1-18),

Therefore it would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify the teachings of Kawamoto with the teachings of Grossman in order to enhance the user interface display to have a better view of contact associated files.

However, Kawamoto and Grossman does not disclose a content of the electronic mails in the electronic mails related to the other party detected by the detection unit during the transmitted electronic mail and the received electronic mail are mixed and sorted in time sequence.

In the same field of endeavor, Sugimoto discloses a content of the electronic mails in the electronic mails related to the other party detected by the detection unit during the transmitted electronic mail and the received electronic mail are mixed and sorted in time sequence ([0070], lines 1-4).

Therefore it would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify the teachings of Kawamoto and Grossman with the teachings of Sugimoto in order to know when the e-mails have been sent and received.

17. With respect to claim 8, it is rejected for the same reasons as claim 7 above. In addition, Grossman discloses the display unit displays the electronic mails exchanged with the other party so as to add indications which discriminate the received electronic mail from the transmitted electronic mail ([0070], lines 1-18).



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18. With respect to claim 9, Kawamoto discloses a storage unit that stores a transmitted electronic mail and a received electronic mail ([0044], lines 5-8); a detection unit that detects an electronic mail related to the other party designated by the designation unit ([0044], lines 1-5); and a display unit that displays a designated electronic mail by designating an arbitrary electronic mail while portions of opening sentences of the electronic mails exchanged with the other party detected by the detection unit are displayed so that the transmitted electronic mail and the received electronic mail which are exchanged with the other party, are displayed while being mixed in time sequence and while the electronic mails exchanged with the other party are displayed in list form ([0036], lines 6-9, [0038], lines 1-12). Kawamoto does not disclose a telephone directory section configured to store the name of the other party and an electronic mail address of the other party so as to associate with each other;.

In the same field of endeavor, Grossman discloses a telephone directory section configured to store the name of the other party and an electronic mail address of the other party so as to associate with each other ([0053], lines 1-7)

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify the teachings of Kawamoto with the teachings of Grossman in order to relate directly to the contact of the e-mail and other types of contact information.

19. With respect to claim 10, it is rejected for the same reasons as claim 9 above. In addition, Kawamoto discloses the display unit retrieves a desired party by use of all or portions of the name or the electronic mail address stored in the telephone directory section, and selects the name of the retrieved party ([0050], lines 1-10).

***Conclusion***

20. Any inquiry concerning this communication or earlier communications from the examiner should be directed to HO SHIU whose telephone number is (571)270-3810. The examiner can normally be reached on Mon-Thur (7:30am - 6:00pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nabil El-Hady can be reached on 571-272-3963. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

HTS  
01/16/2007

/Nabil El-Hady/  
Supervisory Patent Examiner, Art Unit 4152